



# DoD Architecture Registry System (DARS) EA Conference 2012

30 April, 2012

<https://dars1.army.mil>

<http://dars1.apg.army.smil.mil>

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# Agenda



- **DARS Overview** Chhun
- **DARS Program Update** Chhun
- **DARS Capabilities / Features** Chhun
- **DARS Metrics** Chhun
- **DARS New Features Demo** Benchaaboun
  - **DARS overview**
  - **DARS Scorecard**
  - **DoD IEA**
  - **DARS Web Services**



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# DARS Program Overview

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# DARS Program Objectives



- Ensure architecture data is discoverable, accessible, understandable and trusted
- Provide an authoritative and trusted registry of DoD architectures and standards
- Deliver on customer program requirements for architecture registration support, community outreach, training, online user help support and help desk support

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# DARS Program Update

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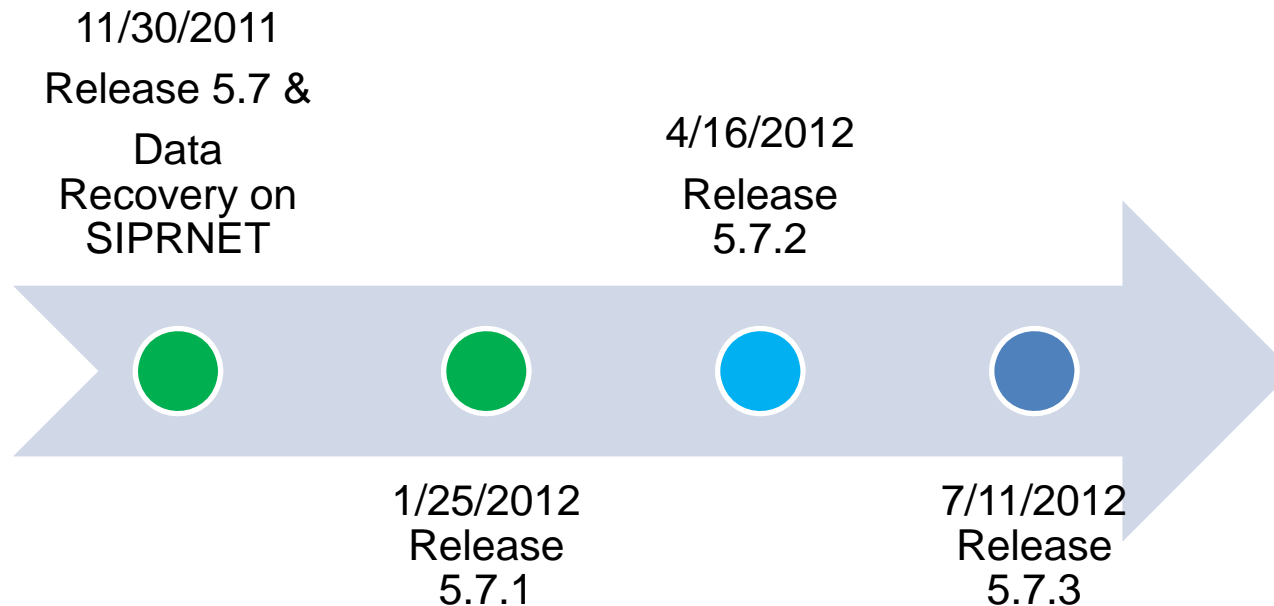
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# DARS FY12 Release Schedule



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# Releases Summary

Release	NIPRNET	SIPRNET	Description
5.7	09/29/2011	11/30/2011	<ol style="list-style-type: none"> <li>1. AV-1 Web service</li> <li>2. Scorecard</li> <li>3. SIPRNET Data Recovery</li> </ol>
5.7.1	01/25/2012		<ol style="list-style-type: none"> <li>1. Enhanced AV-1 Web services (CXF framework)</li> <li>2. Upload document to AV-1</li> <li>3. Support Windows Communication Foundation (WCF)</li> </ol>
5.7.2	04/16/2012	05/07/2012	DoD IEA
5.7.3	07/11/2012	08/20/2012	<ol style="list-style-type: none"> <li>1. Work with the CMB/customer to prioritize the defects</li> <li>2. Reduce backlog of defects</li> </ol>







# DARS FY12 Plan Review

- **Sustainment support**
- **Conduct, participate and support the following program requirements**
  - Quarterly DARS User Group
  - Quarterly Configuration Management Board
  - EA Conference
  - IPR to DARS customer
  - FAC meetings



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# DARS Capabilities / Features

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# DARS Capabilities

- **Architecture Registration**
  - On-line AV-1 editor
  - Web Services (Federation)
- **Content Search and Discovery**
  - Web Services (Federation)
- **Architecture data storage and management**
  - File upload automatically creates discovery metadata
  - Metadata may be edited during or after posting
  - Structured and unstructured data storage



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# DARS Capabilities – continued

- **User Communities for sharing content**
  - Controlling visibility and access
  - Seven user roles and four access control levels
- **Content Management**
  - Copy, move, release, and delete
- **Support Federation via Web Services**
- **DARS Scorecard**



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# DARS Metrics

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# DARS Users (23 APR 2012)

## COMMAND ORG

## USER COUNT

■ Other	1438 (1379, 4%)
■ Navy	1358 (1279, 6%)
■ Army	1245 (1183, 5%)
■ Air Force	960 (889, 8%)
■ OSD	358 (346, 3%)
■ Marines	223 (209, 7%)
■ Combatant Command	156 (155, 1%)
■ Joint Staff	138 (117, 18%)
■ (None Specified)	34 (34, 0%)
■ Coast Guard	12 (10, 20%)
■ Total DARS Accounts	5922 (5601, 5.7%)



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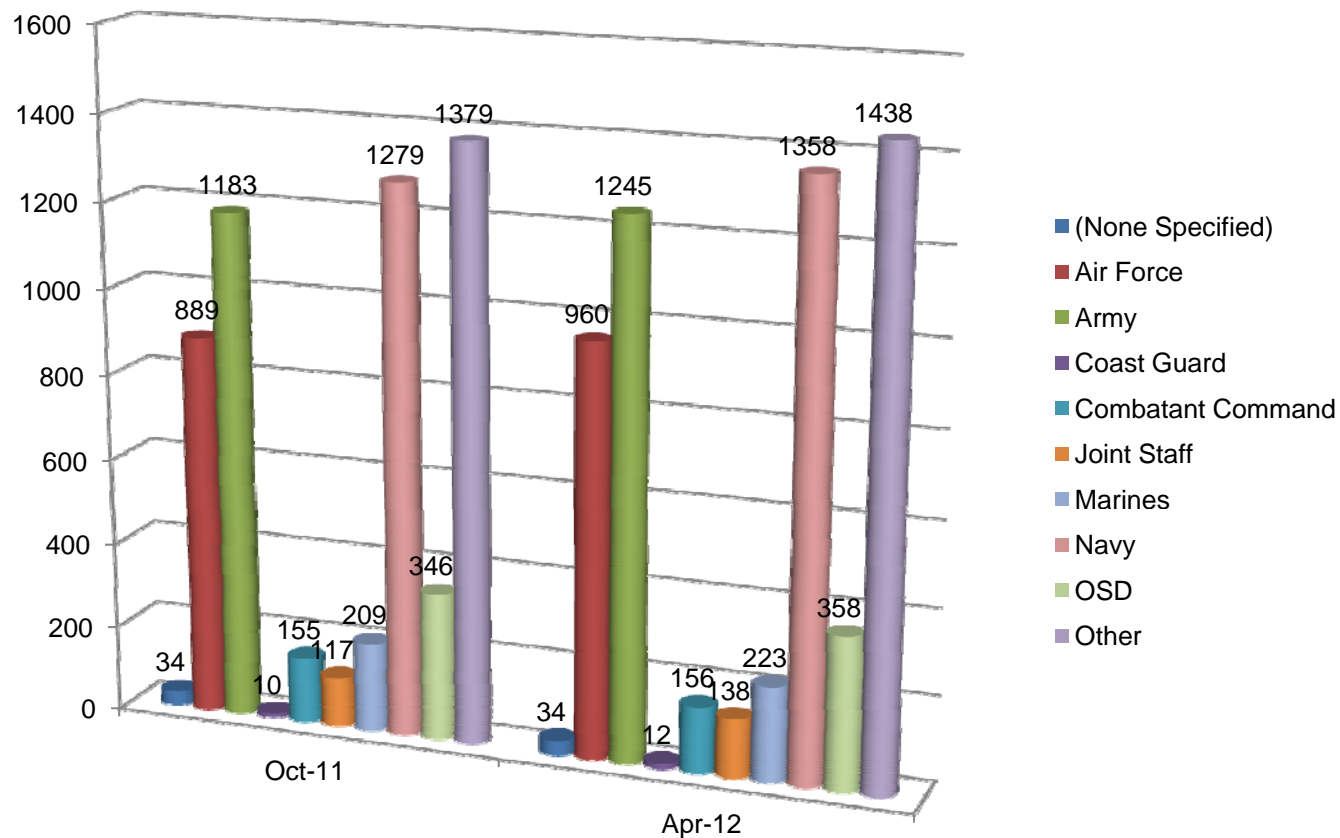
**Have added 321 new DARS users since the last DUG**

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# DARS User Trend



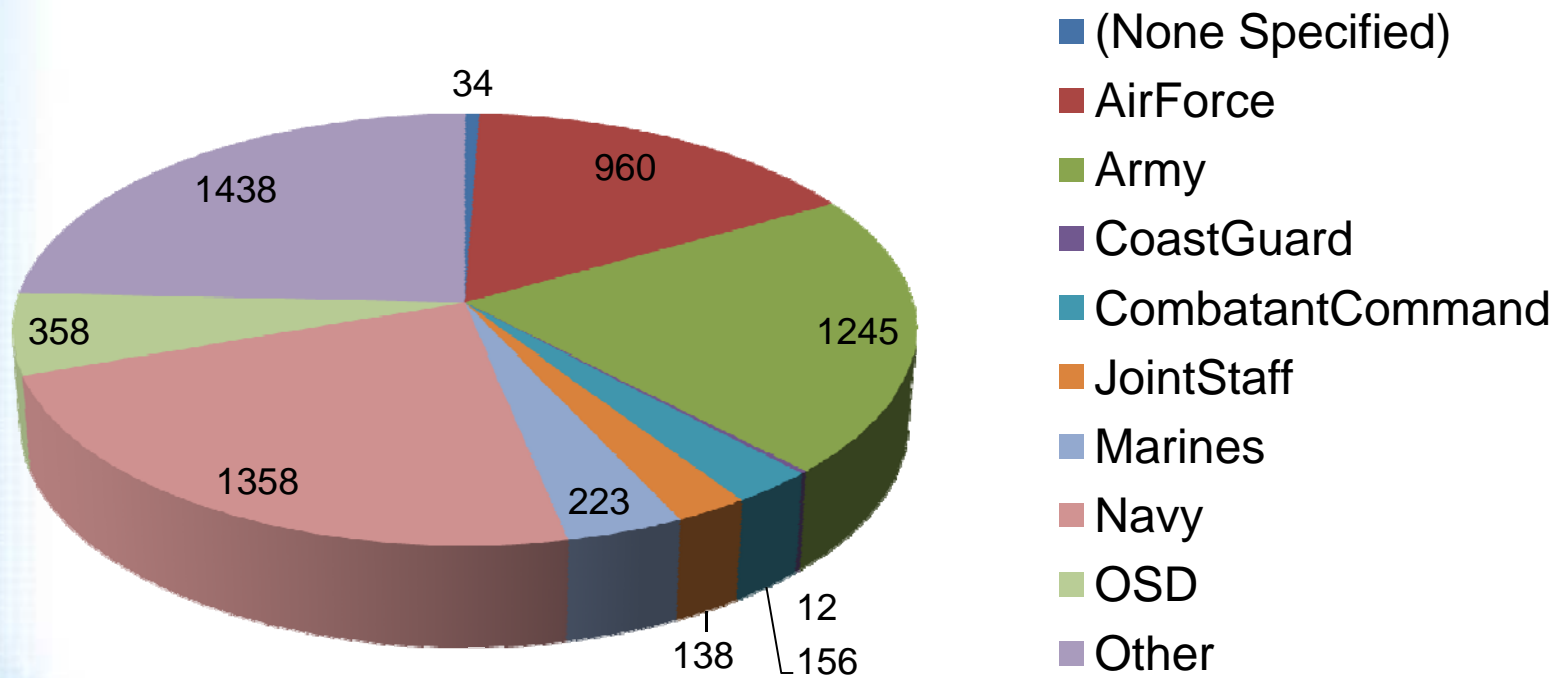
**As of APR 23, 2012**



# DARS Users



## Users By Service



**Total users: 5922**

**APR 23, 2012**

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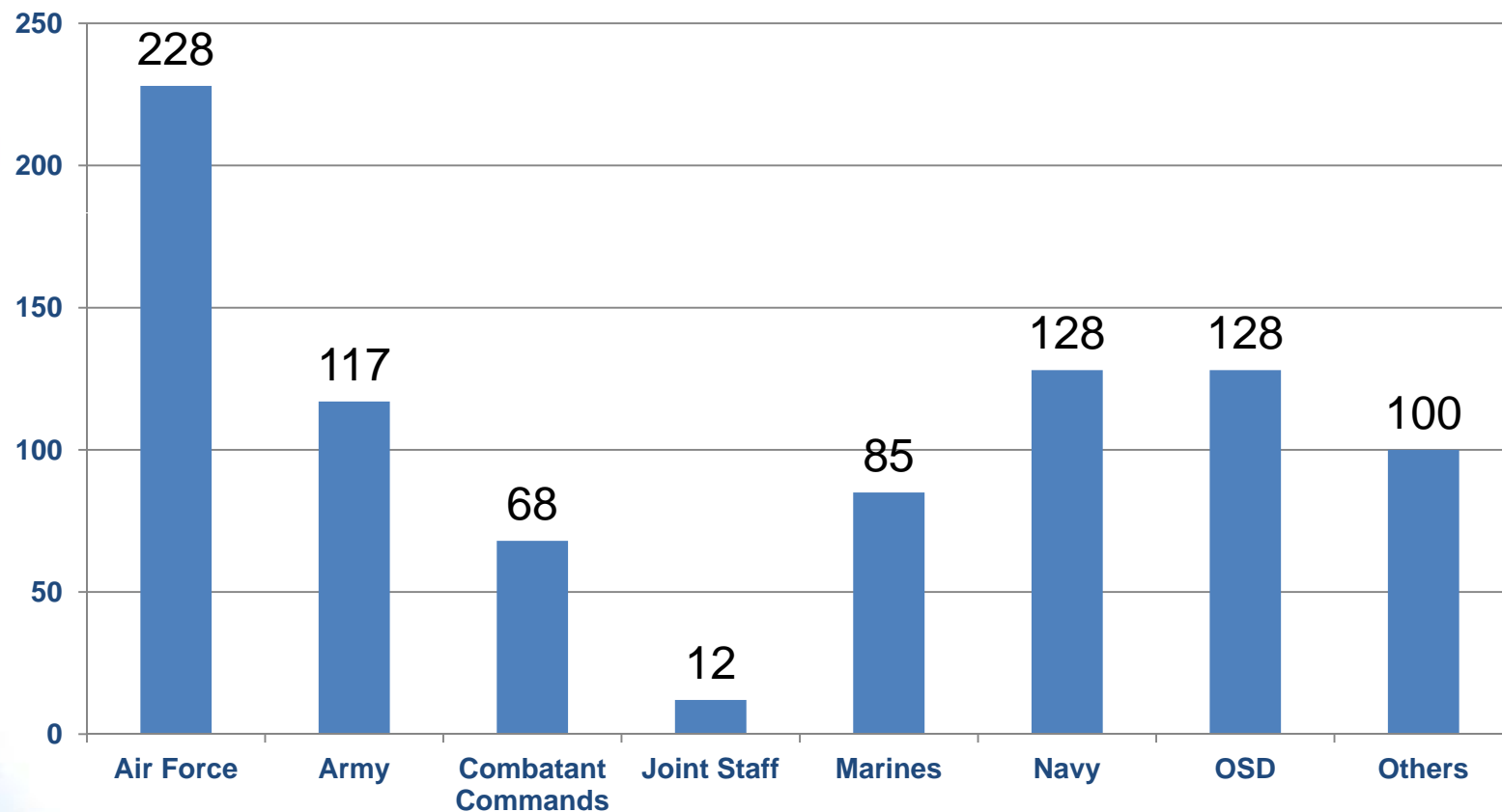


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# AV-1 Registration in DARS

## AV-1s by Service



**As of April 23, 2012**

**Total: 866 – 32% increased**



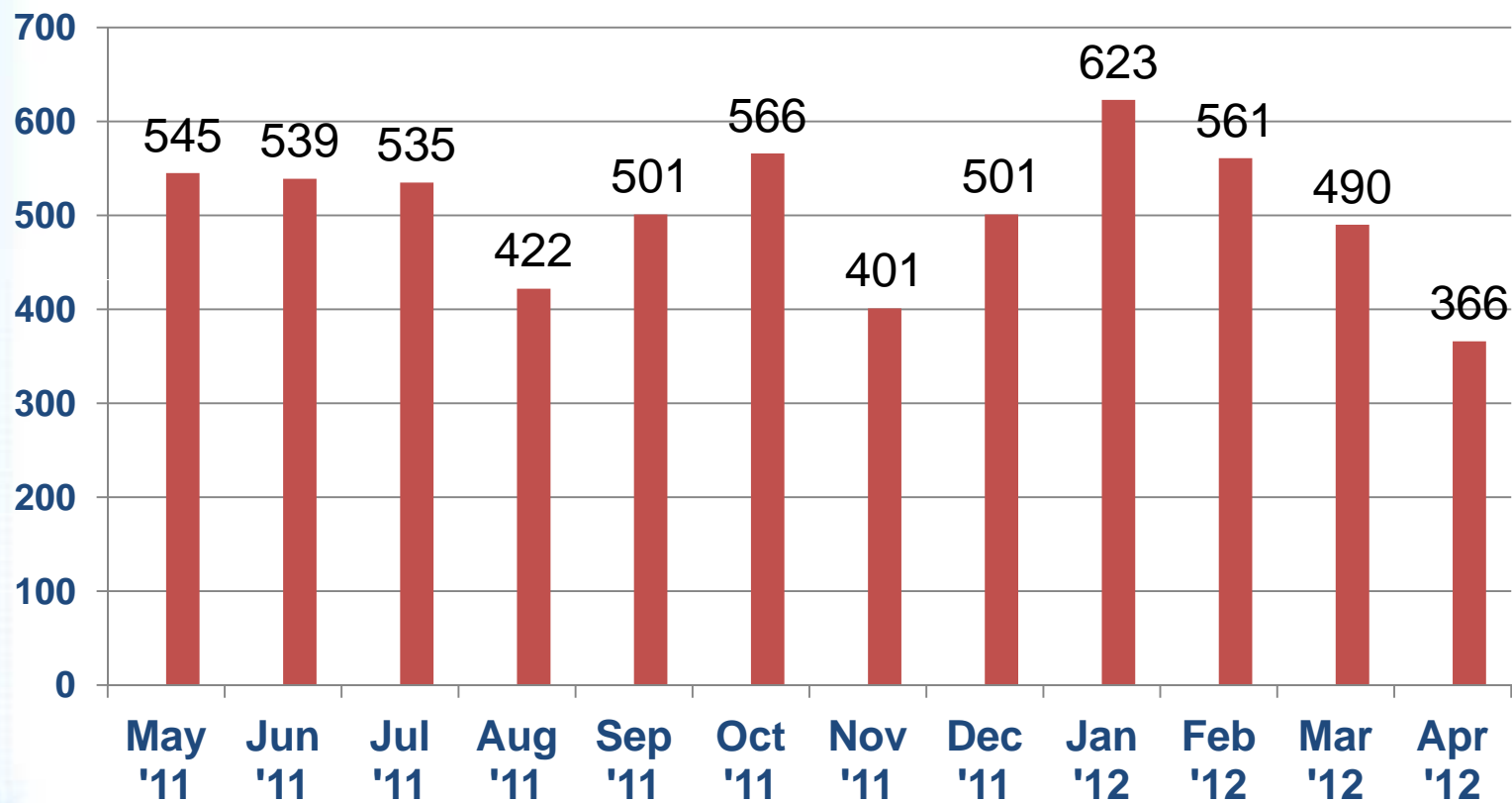
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# DARS Logins May 2011 – Apr 2012



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# DARS New Features Demo

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# DARS Demonstration



- Overview
- Scorecard
- DoD IEA
- Web Services

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# Wrap Up / Questions



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# Back Up



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# Supporting Information



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# DARS Program Management & Development POCs



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# FY11 DARS Accomplishments



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# FY11 DARS Summary Accomplishments

Description	Scope	Status
Program Support	<ul style="list-style-type: none"><li>• Deployed DARS Release 5.6 in April 29 2011. This release included:<ul style="list-style-type: none"><li>• Migrate Community Management and Administration Features from the legacy DARS to the new DARS</li><li>• Complete AV-1 Versioning and Revision capability.</li><li>• Provide Documents Synchronization between Community and AV-1 browsers, and make AV-1 public by default for better visibility and accessibility to the architectures and architectures artifacts.</li></ul></li><li>• Deployed DARS Release 5.7 in September 30, 2011. This release included:<ul style="list-style-type: none"><li>• Complete DARS Scorecard Reports.</li><li>• Complete AV-1 Web Services.</li></ul></li><li>• Prepared and Conducted IPR to DARS customer - 12/16/2010</li><li>• Prepared and Conducted 3 Quarterly DARS User Group and Vendor Industry Days meetings – Alexandria and Mc Lean VA - December 14-15 2010, March 15 2011, and June 14 2011</li></ul>	Completed



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# FY11 DARS Summary Accomplishments – Continued



Description	Scope	Status
Program Support	<ul style="list-style-type: none"><li>• Presented, Conducted Training and Manned Exhibit at Annual EA Conference –Hampton Virginia – April 4-8 2011</li><li>• Prepared and Conducted Monthly Configuration Management Board meetings</li><li>• Prepared Presentations for Monthly DARS FAC meetings</li><li>• Contribute and Participate in Weekly DARS Management Working Group Meeting</li><li>• Provided Help Desk and Customer Support during normal duty hours (7:00 AM to 5:30 PM)</li><li>• Provided support for DARS BRAC Transition with no significant disruption in service to the DARS users community.<ul style="list-style-type: none"><li>• Migrated DARS SIPRNET to Aberdeen Proving Ground on March 2011.</li><li>• Migrated DARS Production to COOP site in St. Louis, Mo on March 2011.</li><li>• Migrated Development and UAT Servers to Aberdeen Proving Ground on May 2011.</li><li>• Obtained DARS application CON (Certificate of Networthiness) on May 2011</li></ul></li></ul>	Completed





# FY11 DARS Summary Accomplishments – Continued



Description	Scope	Status
Program Support	<ul style="list-style-type: none"><li>• Prepared and documented 2 project plans for the 2 releases deployed in FY11 This included:<ul style="list-style-type: none"><li>• Prepared Requirements documents including traceability matrix,</li><li>• Conducted and Documented risk assessment and mitigation plans</li><li>• Performed and documented requirements work break down structure (wbs) and technical analysis,</li><li>• Prepared use case documents and design documents</li><li>• Conducted and documented code reviews,</li><li>• Prepared and documented test plans and release and deployment notes</li></ul></li><li>• Followed established CECOM SEC best practices and CMMI guidelines for efficient management of the DARS project</li><li>• All DARS project documents may be found at DARS SharePoint: <a href="https://epm2.sed.monmouth.army.mil/sites/DARS/default.aspx">https://epm2.sed.monmouth.army.mil/sites/DARS/default.aspx</a></li></ul>	Completed



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# Frequently Asked Questions



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# How do I reset my Password?

- When the user forgets his/her password:
  - the user needs to provide his/her login name and answers to the 3 security questions that were selected by the user.
  - The user then enters a new password.
  - If the user doesn't remember the right answers, he/she will need to contact the DARS Administrator to reset the password.



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# Community Membership?

- **When I get a DARS account, does it mean that I am a member of the community I mentioned in the request?**
- No. When the user requests a DARS account, it gets approved by the DARS Administrator and an account is created for the user.
- Initially the user is only a member of DoD community.
- The user must then request roles in individual communities which will get approved by the community administrator.





# What role should I have?

- There are 6 roles for each community. The user can request roles depending on what he/she is assigned to do.
- Refer to the [Community Roles Description Table](#)

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# Why is my Role Request still pending?

- Community Administrator gets notified when the user sends a role request.
- If the community has no Admins or the Admin is no longer with the community, the request will remain pending.
- Before sending a role request:
  - Check if the community has Admins and Admins are still with the community.
  - Check with parent communities' Administrators when no Admin exists in the community



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# How do I register an AV-1 and make it visible?

- Before registering an AV-1, the user needs to have a Producer role in the community.
- The user creates the AV-1 and saves it.
- The user can make more changes until it's final, then submits the AV-1.
- When the AV-1 is submitted, a notification email is sent to admins, sponsors and V&V examiners to verify the AV-1.
- After Verification, AV-1 is released to the community for public access.

(Refer to [AV-1 Submit and Approval Process Flow Chart](#))



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# How do I delete a community?

- Before deleting a community, the user needs to have an Admin role.
- The user should save all needed documents, sub-communities and folders under the community to a temporary location.
- The user then chooses to delete the community.
- The DARS Administrator will be notified, will contact the user regarding the request and then perform the action. (*DARS Admin is the only one who can delete a community*).



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# Community, User Role and Access Level



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# DARS Communities - Overview



- **Establish control over visibility and accessibility of data**
  - Establish membership roles and access levels
  - Control visibility of content discovery metadata (i.e. who can see info about files inside shared folders)
  - Control access to data (i.e. who can open or download files inside shared folders)
- **Provide shared space for content management and collaboration**
  - Community content folders
  - Content configuration management
  - Automatic notifications of new postings
  - Comment tagging and threaded discussions





# User Roles



- **Subscriber** (default): Provides ability to browse and download documents, architectures and data, search content metadata, and submit discussion items within subscribed communities.
- **Producer** - Adds to the Subscriber role the ability to upload or register architectures or other documents.
- **Administrator**: Adds to the Subscriber role the ability to create and manage communities; grant or assign user roles, permissions, and access levels; release or delete documents; edit metadata; and create and associate architectures within and to the community. *Note: The Community Administrator receives automatic e-mail notifications whenever anyone requests a role in the community.*
- **Sponsor**: Same as the Administrator except the Community Sponsor does not receive automatic e-mail notifications for role requests.







## User Roles (cont.)



- **Approval Authority** – Provides ability to set/change approval status metadata
- **Data Configuration Manager** – Provides ability to set/change taxonomy versions and delegate authority for data configuration management to subordinate communities

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# Access Levels

- **Private** – both content and content metadata are visible and accessible only to Community subscribers with *Private* access rights (applies to any role assigned in that Community).
- **Protected** – content is visible and accessible only to the community members with *Protected* or *Private* access rights, but content metadata is visible to all registered DARS users via the metadata search utility. *Note: this is the default when uploading files.*
- **Public** – both content and content metadata are visible and accessible to all registered DARS users. *Note: this is the default when granting user roles*
- **General Public** – both content and content metadata are searchable and accessible to the Internet general public.



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